



# SPYWOLF

## Security Audit Report



Completed on  
**February 19, 2023**

@SPYWOLFNWORK



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SPYWOLF.CO





# OVERVIEW

This audit has been prepared for **Kenta Inu** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

*The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal*

- SPYWOLF Team -

”





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# Kenta Inu



## PROJECT DESCRIPTION

**Currently there is no info about the project in their socials.**

**Release Date:** Launching in February, 2023

**Category:** Meme coin



# CONTRACT INFO

Token Name  
KENTAINU

Symbol  
KENTA

Contract Address

0x8226CDE3052D0aBa0e43989b86655BFad9b2Be01

Network

Ethereum

Language

Solidity

Deployment Date

Feb 17, 2023

Verified?

Yes

Total Supply

1,000,000

Status

Not launched

## TAXES

Buy Tax

**5%**

Sell Tax

**5%**

\*Fees can be changed in future



## Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

### Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



## TOKEN TRANSFERS STATS

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	1000000 KENTA
Median Transfer Amount	1000000 KENTA
Average Transfer Amount	1000000 KENTA
First transfer date	2023-02-17
Last transfer date	2023-02-17
Days token transferred	1

## SMART CONTRACT STATS

Calls Count	1
External calls	1
Internal calls	0
Transactions count	1
Uniq Callers	1
Days contract called	1
Last transaction time	2023-02-17 14:20:35 UTC
Created	2023-02-17 14:20:35 UTC
Create TX	0x10f881e9694a671233474fb252c1752abae73940808c6b7ef360f9ae75333219
Creator	0xf1dab29067f690fbf86a2f75a63f0a435d38cd36



# VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed





# THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

## High Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Medium Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Low Risk

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Issues on this level are minor details and warning that can remain unfixed.

## Informational

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Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.





# FOUND THREATS

## ⚠ Medium Risk

Owner can change auto swap threshold.  
If set to low number, contract might halt and selling will fail.

```
function setSwapBackSettings(bool _enabled, uint256 _amount)
    external
    onlyOwner
{
    require(swapThreshold > 0);
    swapEnabled = _enabled;
    swapThreshold = _amount;
}
```

- Recommendation:
  - Ensure that swapThreshold variable to be always above 1 token.  
Consider the token decimals.



## Informational

Owner can withdraw ETH from the contract.

```
function removeStuckEth(uint256 amount) external onlyOwner {  
    payable(owner()).transfer(amount);  
}
```

Owner can set max transaction limit, but cannot change it below 0.1% of total supply.

```
function setMaxTxnAmount(uint256 amount) external onlyOwner {  
    require(amount >= _totalSupply / 1000);  
    maxTxnAmount = amount;  
}
```

Owner can exclude address from fees and transaction limits.

```
function setIsFeeExempt(address holder, bool exempt) external onlyOwner {  
    isFeeExempt[holder] = exempt;  
}  
  
function setIsLimitExempt(address[] memory holders, bool exempt) external onlyOwner {  
    for (uint256 i; i < holders.length; i++) {  
        isLimitExempt[holders[i]] = exempt;  
    }  
}
```

Owner can exclude address from dividends.

```
function setIsDividendExempt(address holder, bool exempt)  
    external  
    onlyOwner  
{  
    require(holder != address(this) && holder != pair);  
    isDividendExempt[holder] = exempt;  
    if (exempt) {  
        distributor.setShare(holder, 0);  
    } else {  
        distributor.setShare(holder, _balances[holder]);  
    }  
}
```



## Informational

Owner can set buy and sell fees up to 10%.  
Combined buy+sell=20%.

```
function setBuyFees(
    uint256 _reflectionFee,
    uint256 _liquidityFee,
    uint256 _feeDenominator
) public onlyOwner {
    _reflectionBuyFee = _reflectionFee;
    _liquidityBuyFee = _liquidityFee;
    totalBuyFee = _liquidityFee.add(_reflectionFee);
    feeDenominator = _feeDenominator;
    require(
        totalBuyFee <= feeDenominator.div(10),
        "Can't be greater than 10%"
    );
}

function setSellFees(
    uint256 _liquidityFee,
    uint256 _reflectionFee,
    uint256 _feeDenominator
) public onlyOwner {
    _liquiditySellFee = _liquidityFee;
    _reflectionSellFee = _reflectionFee;
    totalSellFee = _liquidityFee.add(_reflectionFee);
    feeDenominator = _feeDenominator;
    require(
        totalSellFee <= feeDenominator.div(10),
        "Can't be greater than 10%"
    );
}
```



RECOMMENDATIONS FOR

# GOOD PRACTICES

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1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

## KENTA INU

### GOOD PRACTICES FOUND

- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner can set a transaction limit, but can't lower it than 0.1% of total supply
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



The following tokenomics are based on the project's whitepaper and/or website:

**No active website yet**

# TOKENOMICS



# THE TEAM

! The team is anonymous

## KYC INFORMATION

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





# WEBSITE

**Website URL**  
No website yet

**Domain Registry**  
N/A

**Domain Expiration**  
N/A

**Technical SEO Test**  
N/A

**Security Test**  
N/A

**Design**  
N/A

**Content**  
N/A

**Whitepaper**  
N/A

**Roadmap**  
N/A

**Mobile-friendly?**  
N/A



**No Website Yet**



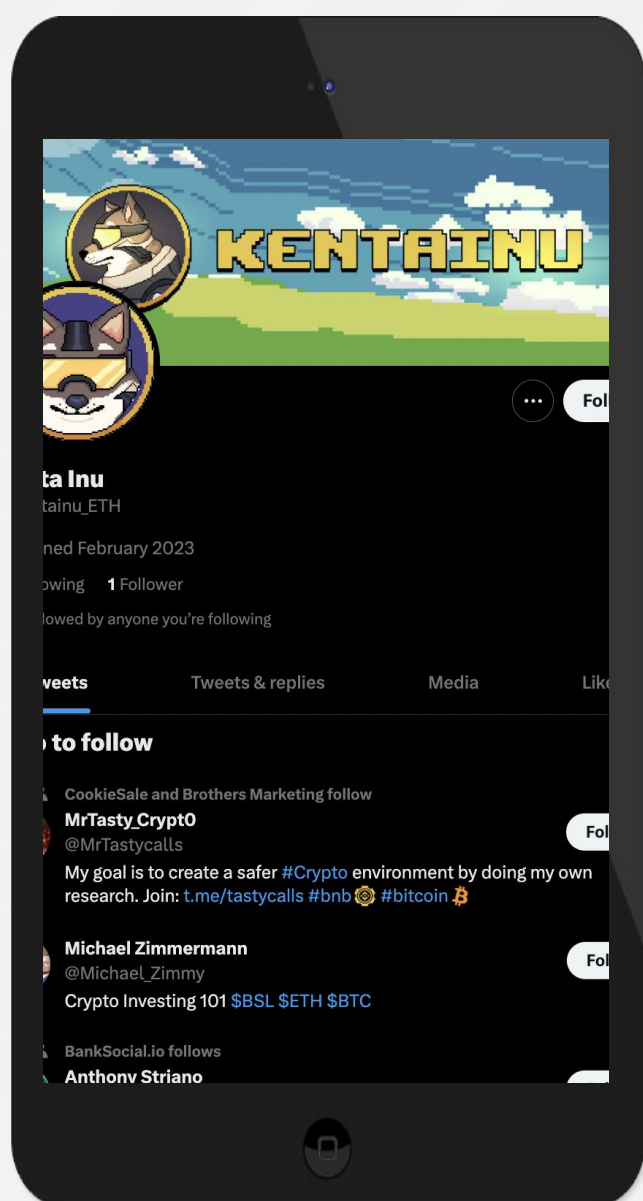


# SOCIAL MEDIA & ONLINE PRESENCE



## ANALYSIS

Project's social media channels are not very active yet



Twitter

@Kertainu\_ETH

- 1 follower
- No posts



Discord

- Not available



Telegram

@Kertainu\_verifi

- 34 members
- Few active members



Medium

- Not available



# SPYWOLF

## CRYPTO SECURITY

Audits | KYCs | dApps  
Contract Development

# ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 400 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

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[t.me/joe\\_SpyWolf](https://t.me/joe_SpyWolf)

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# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.